

# MATERIAL SAFETY DATA SHEET

PRODUCT NAME: CONCRETE CLEANER  
PRODUCT CODE: 0314

HMIS CODES: H F R P  
2 2 0

## ===== SECTION I - MANUFACTURER IDENTIFICATION =====

MANUFACTURER'S NAME: LITEX, INC.  
ADDRESS: 5985 N.W. 31st Avenue, Fort Lauderdale, FL 33309  
EMERGENCY PHONE: (954) 970-0361 INFORMATION PHONE: (800) 340-0361  
DATE PREPARED : 12-02-99 NAME OF PREPARER : A.K. Clarke

## ===== SECTION II - HAZARDOUS INGREDIENTS/IDENTITY INFORMATION =====

HAZARDOUS COMPONENTS	CAS NUMBER	OCCUPATIONAL EXPOSURE LIMITS			VAPOR PRESSURE mm Hg @ TEMP	WEIGHT PERCENT
		OSHA PEL	ACGIH TLV	OTHER		
2-Hydroxy-1,2,3-propanetricarboxylic acid	77-92-9				N/A	20
polysiloxane-polyether copolymer	PROPRIETY				N/A	10
N-METHYLPYRROLIDONE	872-50-4	100 ppm			0.3 68F	15

## ===== SECTION III - PHYSICAL/CHEMICAL CHARACTERISTICS =====

BOILING POINT: 201 Deg F SPECIFIC GRAVITY (H2O=1): 1.1  
VAPOR DENSITY: LIGHTER THAN AIR EVAPORATION RATE: SLOWER THAN ETHER  
COATING V.O.C. : 2.53 LB/GL ( 303 GR/LT)  
SOLUBILITY IN WATER: Product is miscible with water  
APPEARANCE AND ODOR: Amber color with a slight pine odor.

## ===== SECTION IV - FIRE AND EXPLOSION HAZARD DATA =====

FLASH POINT: 199 Deg F METHOD USED: CC  
FLAMMABLE LIMITS IN AIR BY VOLUME- LOWER: 1.3% UPPER: 9.5%

EXTINGUISHING MEDIA: FOAM, CO2, DRY CHEMICAL

### SPECIAL FIREFIGHTING PROCEDURES

Firefighters should be equipped with self-contained breathing apparatus and turn-out gear.  
Do not enter fire space without full bunker gear.

### UNUSUAL FIRE AND EXPLOSION HAZARDS

There are no known unusual or explosion hazards.

## ===== SECTION V - REACTIVITY DATA =====

**STABILITY: STABLE  
CONDITIONS TO AVOID**

Avoid open flames, welding arcs and other high temperature sources that may produce thermal decomposition.

**INCOMPATIBILITY (MATERIALS TO AVOID)**

Reducing agents and high alkaline medium.

**HAZARDOUS DECOMPOSITION OR BYPRODUCTS**

None known.

**HAZARDOUS POLYMERIZATION: WILL NOT OCCUR**

## ===== SECTION VI - HEALTH HAZARD DATA =====

**INHALATION HEALTH RISKS AND SYMPTOMS OF EXPOSURE**

Excessive inhalation of vapor or mist can cause headache, nausea, irritation of nose, throat and lungs.

**SKIN AND EYE CONTACT HEALTH RISKS AND SYMPTOMS OF EXPOSURE**

May cause severe eye irritation and possible corneal damage.

Prolonged or repeated skin contact may produce irritation.

**SKIN ABSORPTION HEALTH RISKS AND SYMPTOMS OF EXPOSURE**

Apparent symptoms would be redness and burning.

**INGESTION HEALTH RISKS AND SYMPTOMS OF EXPOSURE**

Swallowing of the product may cause some gastrointestinal irritation.

**HEALTH HAZARDS (ACUTE AND CHRONIC)**

Repeated and prolonged occupational overexposure may produce nasal and respiratory irritation.

Intentional misuse by deliberately concentrating and inhaling the contents may be harmful or fatal.

**CARCINOGENICITY: NTP? NO IARC MONOGRAPHS? NO OSHA REGULATED? NO**

No known carcinogen contained in this product.

**MEDICAL CONDITIONS GENERALLY AGGRAVATED BY EXPOSURE**

None known

**EMERGENCY AND FIRST AID PROCEDURES**

For eye contact, flush with lukewarm water for 15 minutes. Seek medical advice if necessary.

For skin contact, flush with lukewarm water. Remove contaminated clothing and launder before re-use.

For inhalation, remove exposed individual to fresh air. Contact a physician if necessary.

For ingestion, rinse out mouth immediately. Give exposed individual 6-8 ounces of liquid.

Do not induce vomiting unless advised by a physician.

## ===== SECTION VII - PRECAUTIONS FOR SAFE HANDLING AND USE =====

**STEPS TO BE TAKEN IN CASE MATERIAL IS RELEASED OR SPILLED**

For small spills, use absorbent materials such as vermiculite or any other floor absorbent.

For large spills, eliminate all ignition sources or persons not wearing protective equipment from the area.

**WASTE DISPOSAL METHOD**

Do not flush water to sewer, watershed or waterway. Use absorbent or kitty litter to dry product before disposal.

Dispose of product with applicable local, county, state and federal regulations.

**PRECAUTIONS TO BE TAKEN IN HANDLING AND STORING**

Keep material from freezing. Do not store above 120 F or below 34F. Close container after each use.

Keep out of reach of children. Use adequate ventilation when handling or applying this product.

**OTHER PRECAUTIONS**

## ===== SECTION VIII - CONTROL MEASURES =====

**RESPIRATORY PROTECTION**

None specified.

**VENTILATION**

Product has a pine odor to it that could be offensive to some. Adequate ventilation required if used in confined area.

**PROTECTIVE GLOVES**

Wear protective gloves that are impermeable such as neoprene or resistant gloves such as butyl rubber.

**EYE PROTECTION**

Chemical splash goggles would be ideal but safety glasses in compliance with OSHA also recommended.

**OTHER PROTECTIVE CLOTHING OR EQUIPMENT**

To reduce or prevent skin contact, wear impervious clothing or boots.

**WORK/HYGIENIC PRACTICES**

Wash hands thoroughly before eating or using restroom.

## ===== SECTION IX - DISCLAIMER =====

**DISCLAIMER**

The above information refers to the product as currently manufactured

A common practice is end-user incorporating additives to thin, reduce or provide different characteristics.

When this is done, the chemical composition of the product and attendant hazards may be altered. Litex is not liable.